

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	29	("20010008534" "20010028644" "20010040042" "20020007490" "20020018491" "20020027876" "20020027927" "20020039359" "20020044597" "20020056137" "20020080933" "20020097105" "20020167970" "20030012362" "20030142759").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 14:39
S2	314	370/536.cdis.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 14:40
S3	49	S2 and (inverse near5 multiplex\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 18:31
S4	16	S3 and (DS3 or E3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 14:56
S5	7	S4 and ((packet adj3 index\$3) or (sequenc\$3 adj3 number\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 17:44
S7	31	(inverse adj2 multiple\$3) and dsl and (DS3 or T3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 17:56

## EAST Search History

S9	231	(inverse adj2 multiple\$4) and (DS3 or T3 or E3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 17:55
S10	108	(inverse adj2 multiple\$4) and modem and (DS3 or T3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 17:28
S11	54	(inverse adj2 multiple\$4) and dsl and (DS3 or T3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 17:56
S13	2517	(inverse near5 (multiple\$3 or mux)) or imux	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 18:32
S14	318	S13 and (DS3 or E3 or T3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 12:23
S15	120	S14 and ((twisted adj2 pair) or copper)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 07:17
S16	0	atkino.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 07:28

## EAST Search History

S17	27	actelis.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 07:25
S18	2	"5608733".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 10:19
S19	7	"617363".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 11:28
S20	6	"510550".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 12:57
S21	2	"6421296".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 12:58
S22	108	(inverse adj2 multiple\$4) and modem and (DS3 or T3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 17:28
S23	67	S22 and loop\$back	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 17:46

## EAST Search History

S24	2820	loop\$back and code and processor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 17:48
S25	1	(identify near loop\$back near code) and processor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 17:48
S26	236	(loop\$back with code) and processor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 17:51
S27	3158	(loop\$back with (code or signal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 17:52
S28	618	(loop\$back with (code or signal)) and intermediate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 17:53
S29	215	(loop\$back with (code or signal)) and intermediate and maintenance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 17:53
S30	419	(loop\$back with (code or signal)) and intermediate and test\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 07:25

## EAST Search History

S31	419	(loop\$back with (code or signal)) and intermediate and test\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 16:35
S33	275	S31 and (consecutive or repeat\$3 or row)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 16:27
S34	2	"6657963".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 16:28
S35	2	"6657953".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 16:28
S36	108	(DS3 and loop\$back with (code or signal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 16:52
S37	40	(DS3 and loop\$back with (code or signal)) and repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 16:52
S38	2	"3692964".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/28 17:42

## EAST Search History

S39	2524	(inverse near5 (multiplex\$3 or mux)) or imux	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:56
S40	158	S39 and (DS3 or E3 or T3) and packet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 12:24
S41	33	S39 and (DS3 or E3 or T3) and packet adj2 (number or sequence or index)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 12:49
S42	72	S39 and (DS3 or E3 or T3) and packet near5 (number or sequence or index)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 14:07
S43	7	S39 and ((multilink adj2 point\$to\$point) or mlptp)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 14:36
S44	7	S43 and packet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 12:55
S45	4	S43 and packet near5 (number or index)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 12:56

## EAST Search History

S46	12	("4470112"   "4631534"   "4704606"   "4958341"   "5140582"   "5179556"   "5293378"   "5764624"   "5784357"   "5949778"   "6026092"   "6148010").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/29 13:59
S47	85	S39 and (DS3 or E3 or T3) and packet with (number or sequence or index)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:27
S48	44	((multilink adj2 point\$to\$point) or mlptp)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 14:56
S49	2	"6754714".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 15:00
S50	2	"6160808".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 15:00
S51	360	S39 and packet with (number or sequence or index)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:58
S52	33867	(inverse near5 (multiplex\$3 or mux)) or imux or (load adj2 balanc\$3) or (load adj2 shar\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 16:57

## EAST Search History

S53	4309	S52 and packet with (number or sequence or index)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 17:13
S54	29	S52 and segmentation and reassembly and resequencing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/29 17:14
S55	888	loop\$back and repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 10:29
S56	55	loop\$back and repeater and ds3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 10:58
S57	2	loop\$back and repeater and ds3 and FEAC	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 11:04
S58	12	loop\$back and repeater and ds3 and (number adj2 times)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 11:11
S60	71	loop\$back and ds3 and (number adj2 times)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 11:13



## EAST Search History

S61	340	loop\$back and ds3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 11:14
S62	55	loop\$back and ds3 and repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 11:37
S63	46	loop\$back and ds3 and repeater and test\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 12:06
S64	2	"6958908".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 12:07
S65	2	"3692964".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 13:26
S68	912	repeater and active and stand\$by	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 13:28
S69	701	repeater and active and stand\$by and switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 13:29

## EAST Search History

S70	123	repeater and (active same standby same switch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/30 13:29
S71	2	repeater and non\$repeater with (switch or selector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 10:14
S72	2337	repeater and terminal with (switch or selector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 07:27
S73	73	repeater and terminal with (switch or selector) and ds3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 07:27
S74	3665	repeater and (non\$repeater or terminal or end\$station) with (switch or select\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 07:39
S75	290	repeater and (non\$repeater or terminal or end\$station) with (switch or select\$3) and (ds3 or t3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 08:30
S76	17	repeater and (non\$repeater or (terminal adj station) or (end adj2 station) or (line adj terminal)) with (switch or select\$3) and (ds3 or t3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 08:41

## EAST Search History

S77	392	repeater and (non\$repeater or (terminal adj station) or (end adj2 station) or (line adj terminal)) with (switch or select\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 09:03
S78	20	"same" with (module or unit or circuit) with (repeater and ((line adj2 (terminal or unit) or (end adj2 station))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 09:35
S79	1	"same" with (module or unit or circuit) with (repeater and ((line adj2 (terminal or unit) or (end adj2 station)))) with (selector or switch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 09:19
S80	42919	"same" with (module or unit or circuit) with (repeater adj station) and (terminal adj2 station) or (line adj2 terminal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 09:37
S81	12	"same" with (module or unit or circuit) with (repeater adj station) and ((terminal adj2 station) or (line adj2 terminal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 09:38
S82	6	"same" with (module or unit or circuit) with (repeater adj station) with ((terminal adj2 station) or (line adj2 terminal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 10:12
S84	2	repeater with (end adj unit) with (switch or selector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 10:15

## EAST Search History

S85	91	repeater with (terminal adj (unit or station)) with (switch or selector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 10:23
S86	4	repeater with (terminal adj (unit or station)) with using with "same" with (module or unit or circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 10:25
S87	30	repeater with (terminal adj (unit or station)) with "same" with (module or unit or circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 10:54
S88	3	repeater with (terminal adj (unit or station)) with "same" with (module or unit or circuit) with switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 10:56
S89	9512	repeater and configur\$5 and switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 10:57
S90	213	repeater with configur\$5 with switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 11:05
S92	448667	repeater with (end adj unit) or (terminal adj2 (unit or station))(configur\$5 or select\$4) with (switch or (clip adj switch) or commutator or bridge)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 11:13

## EAST Search History

S97	57041	repeater with (end adj unit) or (terminal adj2 (unit or station))(configur\$5 or select\$4) with (switch or (dip adj switch) or commutator or bridge) and west and east	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 11:14
S10 0	311	repeater and (dip adj switch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 11:17
S10 1	104	repeater and (dip adj switch)and ("370".clas. or "455".clas.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 11:25
S10 2	80	repeater and (dip adj switch)and ("370".clas.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 12:31
S10 3	42	repeater and (dip adj switch)and ("455".clas.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 12:41
S10 4	311	repeater and (dip adj switch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 12:57
S10 5	15351	repeater and (switch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 12:57

## EAST Search History

S10 6	3402	repeater and (switch) and "370".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 12:57
S10 7	3402	repeater and switch and "370".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 12:57
S10 8	126569	repeater and switch and "370".clas. and t1 or e1 or ds3 or pcm	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 12:58
S10 9	1089	repeater and switch and "370".clas. and (t1 or e1 or ds3 or pcm)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 13:01
S11 0	1092	repeater and (switch or jumper)and "370".clas. and (t1 or e1 or ds3 or pcm)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 13:01
S11 1	55	repeater and ((dip adj switch) or jumper)and "370".clas. and (t1 or e1 or ds3 or pcm)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 13:17
S11 2	13	repeater and ((dip adj switch) or jumper)and "370".clas. and east and west	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 13:44

## EAST Search History

S11 3	106	repeater and ((dip adj switch) or jumper)and "370".clas. and local and remote	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 13:45
S11 4	97	repeater and terminal and local and remote and dip adj switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 15:37
S11 5	11	back adj3 back adj2 repeaters	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 15:40
S11 6	6	ds3 near3 repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 15:48
S11 7	103	two\$wire near5 repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 16:07
S11 8	62	(ds3 or t3) near5 repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 16:08
S11 9	27	actelis.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 16:26

## EAST Search History

S12 0	3159	(loop\$back with (code or signal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 16:20
S12 1	38	S120 and dip adj switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 16:21
S12 2	0	actelis.as. and dip adj switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 16:35
S12 3	5161	dsl adj modem	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 16:35
S12 4	233	dsl adj modem and repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 16:39
S12 5	56	dsl near5 repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 16:58
S12 6	1924	repeater with address	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 16:59



## EAST Search History

S12 7	430	S126 and "370".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 17:03
S12 8	6	S127 and ds3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 17:00
S12 9	135	S126 and "370".clas. and (twisted or copper) adj pair	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/02 17:04
S13 0	2	"6101172".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 10:10
S13 1	230	1:1 adj protection	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 09:44
S13 2	46	1:1 adj protection and repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 09:33
S13 3	452	(1:1 or 1+1) adj protection	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 09:45

## EAST Search History

S13 4	63	(1:1 or 1+1) adj protection and repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 09:47
S13 5	0	(1:1 or 1+1) adj protection with chassis and repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 09:48
S13 6	1	(1:1 or 1+1) adj protection with chassis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 15:42
S13 7	44	c-bit and loopback	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 15:55
S13 8	10	c-bit and (ds3 with loopback)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 15:56